IAP Cover Sheet Version Name: Period 2 Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00] Approved By Incident Commander: Miller, Jerry **Incident Action Plan** Notes 949312 **IAP Cover Sheet** Prepared By Planning, Updated 04/30/2018 15:39 UTC -6:00 PP INCIDENT ACTION PLAN SOFTWARE™ Printed 04/30/2018 16:24 UTC -6:00

Table of Contents		
Incident Name: 2018 Superior Refinery Fire	Period: Period 2 [05/01/18 06:00 -	05/02/18 06:00]
Report Name		Page
IAP Cover Sheet		1
Weather Report		3
Map/Sketch		4
ICS 202 - Incident Objectives		6
ICS 202b - Critical Information Requirements		7
ICS 204 - Assignment List		8
ICS 205 - Radio Communications		23
ICS 205a - Communications List		24
ICS 206 - Medical Plan		25
ICS 207 - Organization Chart		27
ICS 208 - Site Safety Plan		29

Weather Report Version Name: 20180430_0730 Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00] **Present Conditions** Weather Conditions as of 04/30/2018 07:42 superior, wi us station id: MID_KSUW Humidity (%): 99 Pressure: 29.91 psi Wind Speed: 0 mph Dew Point: 40 Wind Direction (from): N Feels Like: 40 Temperature: 40 Fahrenheit **UV Index:** Visibility: 7 mile(s) Periods of showers and thunderstorms, mainly before 11am. High near 72. Breezy, with a southeast wind 5 to 15 mph becoming

southwest in the afternoon. Winds could gust as high as 20 mph. Chance of precipitation is 90%.

Forecast Date	Wind	Temp High/Low	% Precip	Sunrise/ Sunset	Notes
Mon 04/30/2018	7 mph S	49 F	44		Isolated showers before 1am, then isolated showers and thunderstorms between 1am and 4am, then isolated showers after 4am. Mostly cloudy, with a low around 50. South wind 5 to 10 mph, with gusts as high as 15 mph. Chance of precipitation is 20%.
Tue 05/01/2018	10 mph SSW	67 F	33		Scattered showers, with thunderstorms also possible after 1pm. Partly sunny, with a high near 65. Breezy, with a southwest wind 5 to 15 mph, with gusts as high as 20 mph. Chance of precipitation is 30%.
	6 mph W	39 F	24		20 percent chance of showers before 1am. Mostly cloudy, with a low around 39. Northwest wind 5 to 10 mph.
Wed	7 mph WNW	62 F	9		Mostly sunny, with a high near 60. Northwest wind around 5 mph.
05/02/2018	4 mph WNW	37 F	7		Partly cloudy, with a low around 38.
Thu	6 mph E	61 F	10		Mostly sunny, with a high near 62.
05/03/2018	5 mph SE	39 F	10		A slight chance of showers after 1am. Partly cloudy, with a low around 40.

Tides

Weather Report		Prepared By Joe Buckley, Updated 04/30/2018 07:48 UTC -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 3 of 30	© TRG	

Map/Sketch Version Name: 20180430_Impacted Area Drone Imagery

Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Incident Map/Sketch

20180430_ImpactedAreaDroneImagery.jpg



Map/Sketch		Prepared By Anthony Shook, Updated 04/30/2018 16:17 UTC -6	
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 4 of 30	© TRG

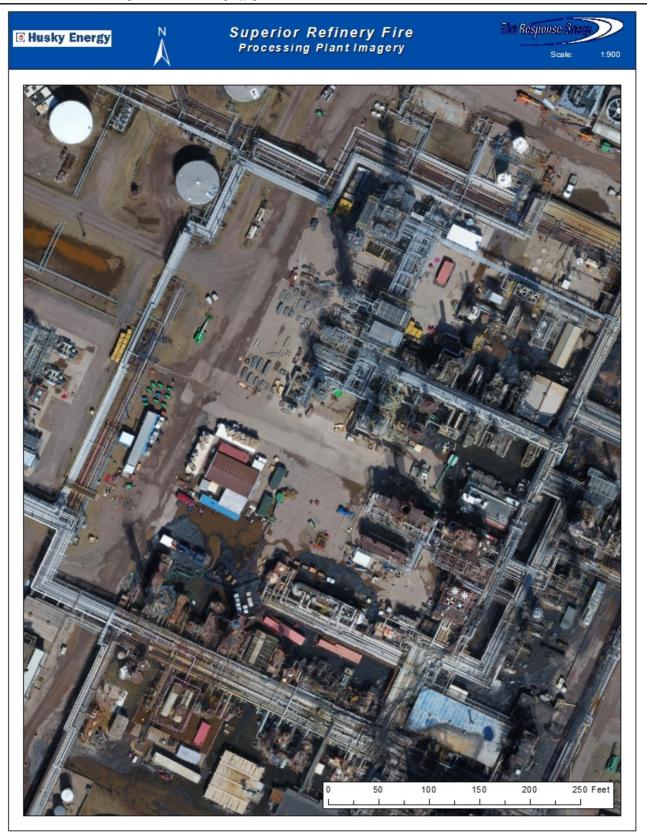
Map/Sketch Version Name: 20180430_ Processing Plant Drone Imagery

Incident Name: 2018 Superior Refinery Fire

Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Incident Map/Sketch

20180430ProcoessingPlantDroneImage.jpg



Map/Sketch		Prepared By Anthony Shook, Updated 04/30/2018 14:21 UTC -6:00		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 5 of 30	© TRG	

ICS 2	202 - Incident Objectives		Version Name: Period 2
Incide	nt Name: 2018 Superior Refinery Fire		Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00
		Objectiv	ve(s)
Ensur	e the Safety of the public and Response Personr	nel	
ncide	nt stabilization		
Evider	nce Preservation		
	ize environmental impacts		
	Stakeholders Informed of Response Activities		
/lonite	or social and local media		
	Operational Period Command Emphas	sis (Safety I	Message, Priorities, Key Decisions/Directions)
	Inciden	t Action Pla	n Components
x	Weather Report	x	Map/Sketch
X	ICS 202 - Incident Objectives	x	ICS 202b - Critical Information Requirements
X	ICS 204 - Assignment List	x	ICS 205 - Radio Communications
X	ICS 205a - Communications List	x	ICS 206 - Medical Plan
X	ICS 207 - Organization Chart	x	ICS 208 - Site Safety Plan
<u> </u>	02 - Incident Objectives		Prepared By Schade, Kollin, Updated 04/30/2018 15:56 UTC -6:00 F

ICS 202b - Critical Information Requirements	Version Name: Period 2	
Incident Name: 2018 Superior Refinery Fire	Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]	

Incident Command Critical Threshold Reporting Criteria

Injury or Death

- OSHA/Greater than 1st Aid through Safety Officer

Significant change of status of the source

Any incidents within the incident

Public health impacts

Impacted sensitive areas beyond protection/Any change to trajectories

Loss of major tactical resources

Unplanned VIP visits en-route/planning/arriving

Adverse protest plans or interview requests

Adverse political/influence

Loss or breach of containment

Any breach in safety/investigation zone

Special requests from agencies

Any changes to respiratory requirements (eg: SCBA)

Any evidence of fish kill

ICS 202b - Critical Information Requirements		Prepared By Schade, Kollin, Updated 04/30/2018 09:13 UTC -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 7 of 30	© TRG	

ICS 204 - Assignment List	Group: Flare Purge Group

Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Schade, Kollin	Husky Energy Inc.	317-292-6594	
Stabilization Branch Director	Thom, Tim	Husky Energy Inc.	715-817-8016	
Flare Purge Group Supervisor	Ivanca, Erin	Husky Energy Inc.	651-592-6339	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Flare Purge Group	Manpower: Responder	Day Shift Responders	16	

Assignments

Continue efforts to identify flare mechanical integrity weaknesses. Including piping, knockout vessels and flare.

Prioritize knockout pots to be drained and drain by priority.

Isolate sections as needed to achieve a flare system can be purged with nitrogen.

Any purging activities will need prior approval from the Stabilization Branch Director.

Destruction efficiency of flaring method

Name / Function	Contact Details		
ERT Channel	8		
Channel 1 Talk Around	11		

Primary 1
Secondary 2

Radio 3 to 7

Special Environmental Considerations

Communications

Actions shall be taken to minimize any release of hydrocarbons to the environment. Any liquid hydrocarbon release shall be cleaned up immediately and disposed of properly.

Notification of any venting/release of vapor/liquid hydrocarbon shall be made to the GHD air monitoring group immediately for consideration in air monitoring. Any liquid hydrocarbon release shall be cleaned up immediately.

Special Site-Specific Safety Considerations

If in Hot Zone, follow Hot Zone entry procedures discussed in previous section.

If in Warm or Cold Zone, refinery PPE must be worn.

Hazard assessment must be done to plan safe work.

Be cognizant of the hazards of the product in Flare, nitrogen, fire and similar hazards.

ICS 204 - Assignment List			Updated 04/30/2018 09:15 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 8 of 30	© TRG

ICS 204 - Assignmer	nt List			Group	: De-Invent	ory Group
Incident Name: 2018 Supe	erior Refinery Fire		Period: P	eriod 2 [05/01/2018 06:00	0 - 05/02/20	18 06:00
		Operations l	Personnel			
Position	Name	Affiliation		Contact Number(s) Work S	hift
Operations Section Chief	Schade, Kollin	Husky Energy	Inc.	317-292-6594		
Stabilization Branch Director	Thom, Tim	Husky Energy	/ Inc.	715-817-8016		
De-Inventory Group Supervisor	Laszewski, Aaron	Husky Energy	/ Inc.	920-883-1992		
		Resources	Required	<u> </u>		
Area Of Operation	Resource K	ind	Descriptio	n	Quantity	Size
De-Inventory Group	Manpower: I	Responder	Day Shift R	esponders	16	

Assignments

Additional Contractors

5

Assess current site conditions.

De-Inventory Group

Prioritize assets for de-inventory based on current pressure on the vessel and light ends content.

Manpower: Responder

Mobilize specialty contractor (Evergreen). Perform site walk-through with Evergreen engineering team.

Communications			
Name / Function	Contact Details		
ERT Channel	8		
Channel 1 Talk Around	11		
Primary	1		
Secondary	2		
Radio	3 to 7		

Special Site-Specific Safety Considerations

If in Hot Zone, follow Hot Zone entry procedures discussed in previous section.

If in Warm or Cold Zone, refinery PPE must be worn.

Hazard assessment must be done to plan safe work.

Be cognizant of the hazards of the hazards of Nitrogen, reactor contents, etc.

ICS 204 - Assignment List			Updated 04/30/2018 16:20 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 9 of 30	© TRG

ICS 204 - Assignment List						Grou	ıp: Read	tor Grou
Incident Name: 2018 Supe	erior Refin	ery Fire		Period:	Period 2 [05/01/2018	06:00 - (05/02/20	18 06:0
			Operations P	ersonnel				
Position	Name	ne Affiliation			Contact Number	ber(s)	er(s) Work Shift	
Operations Section Chief	Schade,	, Kollin Husky Energ		Inc.	317-292-6594			
Stabilization Branch Director	Thom, T	nom, Tim Husky Ener		Inc.	715-817-8016			
Reactor Group Supervisor	Witherill	, Troy	Husky Energy	Inc.	218-522-0114			
			Resources F	Required				
Area Of Operation		Resource Ki	nd	Description	on	Qu	antity	Size
Reactor Group		Manpower: R	esponder	Day Shift I	Responders	3		
Reactor Group		Manpower: R		Night Shift	Responders	2		
Reactor Group		Miscellaneous	S	Nitrogen E	Bottles	12		
		Cont	Communic	eations				
Name / Function ERT Channel Channel 1 Talk Around Primary		Cont 8 11 1 2	Communic act Details	cations				
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary		8 11 1	act Details	cations				
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio		8 11 1 2 3 to 7 Speci	act Details	al Consideratio				
Mame / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio Actions shall be taken to n cleaned up immediately ar Notification of any venting, consideration in air monito	nd dispose /release o	8 11 1 2 3 to 7 Specion release of hed of properly. f vapor/liquid h	act Details al Environment nydrocarbons to a	al Considerations: the environmen	t. Any liquid hydrocarl			
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio Actions shall be taken to not cleaned up immediately are Notification of any venting.	nd dispose /release o	8 11 1 2 3 to 7 Special of properly. If vapor/liquid hydrocal	act Details al Environment nydrocarbons to a	al Consideration the environmen I be made to the	t. Any liquid hydrocarl e GHD air monitoring o immediately.			
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio Actions shall be taken to not cleaned up immediately are Notification of any venting consideration in air monitors.	nd dispose /release o oring. Any	8 11 1 2 3 to 7 Special ry release of hed of properly. f vapor/liquid hydrocal	act Details al Environment nydrocarbons to a nydrocarbon shal rbon release sha Site-Specific Sa	al Consideration the environment I be made to the Il be cleaned up	t. Any liquid hydrocarl e GHD air monitoring o immediately.			
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio Actions shall be taken to not cleaned up immediately are Notification of any venting consideration in air monitors. If in Hot Zone, follow Hot 2	nd dispose /release o pring. Any Zone entry	8 11 1 2 3 to 7 Special ry release of hed of properly. f vapor/liquid hydroca special of procedures described on the procedure of procedures described on the procedure of the pro	act Details al Environment nydrocarbon shal rbon release sha Site-Specific Sa iscussed in previ	al Consideration the environment I be made to the Il be cleaned up	t. Any liquid hydrocarl e GHD air monitoring o immediately.			
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio Actions shall be taken to n cleaned up immediately ar Notification of any venting consideration in air monito If in Hot Zone, follow Hot Z	nd dispose/release opring. Any Zone entry	8 11 1 2 3 to 7 Special ry release of hed of properly. f vapor/liquid hydrocal special ry procedures designed procedures designed from the control of the co	act Details al Environment nydrocarbons to a ydrocarbon shal rbon release sha Site-Specific Sa iscussed in previ	al Consideration the environment I be made to the Il be cleaned up	t. Any liquid hydrocarl e GHD air monitoring o immediately.			
Name / Function ERT Channel Channel 1 Talk Around Primary Secondary Radio Actions shall be taken to n cleaned up immediately ar Notification of any venting.	nd dispose/release of pring. Any Zone entry refinery PF be done to	8 11 1 2 3 to 7 Special of PE must be wood of plan safe wood safe	act Details Tal Environment Tal Enviro	al Consideration the environment of the made to the liber cleaned uppressed to the cleaned of th	t. Any liquid hydrocarle GHD air monitoring o immediately.			

ICS 204 - Assignment List			Updated 04/30/2018 09:19 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 10 of 30	© TRG

ICS 204 - Assignment List	Group: Asset Stabilization Group

Incident Name: 2018 Superior Refinery Fire	Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Schade, Kollin	Husky Energy Inc.	317-292-6594	
Stabilization Branch Director	Thom, Tim	Husky Energy Inc.	715-817-8016	
Asset Stabilization Group Supervisor	Talarico, Sam	Husky Energy Inc.	218-340-9781	
Asset Stabilization Group Supervisor	Rikkola, Ken	Husky Energy Inc.	218-343-9538	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Asset Stabilization Group	Manpower: Responder	Day Shift Responders	16	
Asset Stabilization Group	Manpower: Responder	Engineer	1	

Assignments

Primary asset of concern: Stripper tower

Report findings to the Asset Stabilization Group Supervisor

Speciality contractor (Mammoet) will start to mobilize to site.

Speciality contractor (Brandenburg Demolition) will start to mobilize to site.

Based on findings on 4/30/18 - Operations Section Chief may direct teams to mobilize local contractor crane and critical lift engineering team

Start identifying other assets of concern.

Communications		
Name / Function	Contact Details	
ERT Channel	8	
Channel 1 Talk Around	11	
Primary	1	
Secondary	2	
Radio	3 to 7	

Special Environmental Considerations

Actions shall be taken to minimize any release of hydrocarbons to the environment. Any liquid hydrocarbon release shall be cleaned up immediately and disposed of properly.

Once stabilization events commence, notification of any venting/release of vapor/liquid hydrocarbon shall be made to the GHD air monitoring group immediately for consideration in air monitoring.

Special Site-Specific Safety Considerations

All contractors must be preapproved by Refinery Safety Department.

If in Hot Zone, follow Hot Zone entry procedures discussed in previous section.

If in Warm or Cold Zone, refinery PPE must be worn.

Hazard assessment must be done to plan safe work.

Be cognizant of the hazards of the product in Flare, nitrogen, fire and similar hazards.

ICS 204 - Assignment List		Updated 04/30/2018 12:26 UTC -6:0		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 11 of 30	© TRG	

ICS 204 - Assignmen	t List			Group: H	վF Removal Group
Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/201				05/02/2018 06:00	
Operations Personnel					
Position	Name	Affiliation		Contact Number(s)	Work Shift
Operations Section Chief	Schade, Kollin	Husky Energy	Inc.	317-292-6594	
Stabilization Branch Director	Thom, Tim	Husky Energy	Inc.	715-817-8016	
HF Removal Group	McCusker, Brian	Husky Energy	Inc.	218-348-9769	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
HF Removal Group	Manpower: Responder	Day Shift Responders	3	

Assignments

Inspect HF acid tank (Tank #16a-v4) to confirm mechanical integrity and that tank is fit to pressurize for de-inventorying.

Specialist (HF Alkylation Consultants) to assist.

Supervisor

Develop de-inventory temporary piping and venting plan. This plan is to be approved by standard refinery MOC process and Operations Section Chief.

Communications			
Name / Function	Contact Details		
ERT Channel	8		
Channel 1 Talk Around	11		
Primary	1		
Secondary	2		
Radio	3 to 7		

Special Site-Specific Safety Considerations

If in Hot Zone, follow Hot Zone entry procedures.

Within HF Alky Unit, Alky Gear must be worn.

If in Warm or Cold Zone, refinery PPE must be worn except where HF Akly Gear is required and that must be worn.

Hazard assessment must be done to plan safe work.

Be cognizant of the hazards of the product in Flare, nitrogen, fire and similar hazards.

ICS 204 - Assignment List		Updated 04/30/2018 16:19 UTC -6		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 12 of 30	© TRG	

ICS 204 - Assignmen	t List				Та	sk Force: Energy Re	estoration T	ask Ford
Incident Name: 2018 Supe	rior Refin	ery Fire			Period: Period	1 2 [05/01/2018 06:0	0 - 05/02/20	18 06:0
			Operations	Perso	onnel			
Position	Name		Affiliation			Contact Number(s) Work S	hift
Operations Section Chief	Schade,	Kollin	Husky Energ	y Inc.		317-292-6594		
Stabilization Branch Director	Thom, T	ïm	Husky Energ	y Inc.		715-817-8016		
Utilities Group Supervisor	Laszews	vski, Aaron Husky Energy I		y Inc.		920-883-1992		
Energy Restoration Task Force Leader	Carlson,	Brad	Husky Energ	y Inc.		218-390-5182		
			Resources	Requ	ıired			
Area Of Operation		Resource K	Kind		Description		Quantity	Size
Energy Restoration Task F	orce	Manpower: I	power: Responder Manpower: Resp		ponder	4		
			Assign	ment	<u> </u>			•

Start developing enigerization plan including priority assets. Plan to be be approved through normal refinery MOC process and Operations Section Chief.

Communications			
Name / Function	Contact Details		
ERT Channel	8		
Channel 1 Talk Around	11		
Primary	1		
Secondary	2		
Radio	3 to 7		

Special Environmental Considerations

Considerations of potential hydrocarbon release should be made prior to energizing hydrocarbon containing equipment or their control system in order to minimize the release of hydrocarbons.

Prior to energizing any CEM buildings all building analyzers and sampling equipment shall be turned off.

Special Site-Specific Safety Considerations

Follow Refinery Electrical Safety and Lockout Tagout programs.

Be cognizant of downed power lines, overhead hazards and potential for unintentional energization of electrical equipment.

Wear PPE appropriate to the potential electrical source.

ICS 204 - Assignment List		Updated 04/30/2018 09:25 UTC -6:00		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 13 of 30	© TRG	

ICS 204 - Assignmen	t List			Task Fo	rce: ERT Ta	ask Force
Incident Name: 2018 Supe	erior Refinery Fire		Period: Period	2 [05/01/2018 06:00) - 05/02/20	18 06:00
		Operations Pers	onnel			
Position	Name	Affiliation		Contact Number(s) Work S	hift
Operations Section Chief	Schade, Kollin	Husky Energy Inc		317-292-6594		
Emergency Response Group Supervisor	Quimby, Jerome	Husky Energy Inc		218-428-5190		
ERT Task Force Leader	Hunker, Johnny	Husky Energy Inc				
		Resources Req	uired			
Area Of Operation	Resource	Kind	Description		Quantity	Size
ERT Task Force	Fire Fightin	g Foam	Fire Fighting For	am	1500	

Area Of Operation	Resource Kind	Description	Quantity	Size
ERT Task Force	Fire Fighting Foam	Fire Fighting Foam	1500	
ERT Task Force	Tanker Truck	Tanker Truck	1	
ERT Task Force	Foam pumper	Foam pumper	1	
ERT Task Force	Manpower: Responder	Manpower: Responder	35	

Assignments

Maintain 24hr readiness to respond to any incidents on-site. Follow guidelines as defined in existing Superior Refinery Emergency Response Plan.

Escort all approved individuals into the hot zone area as needed. All approvals to go through Maintenance Supervision.

See attached map for warm and hot zone locations.

Communications			
Name / Function	Contact Details		
ERT Channel	8		
Channel 1 Talk Around	11		
Primary	1		
Secondary	2		
Radio	3 to 7		

Special Site-Specific Safety Considerations

If in Hot Zone, follow Hot Zone entry procedures discussed in previous section.

If in Warm or Cold Zone, refinery PPE must be worn.

ICS 204 - Assignment List		Updated 04/30/2018 15:02 UTC -6:0		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 14 of 30	© TRG	

ICS 204 - Assignment List Task Force: ERT Task Force

Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

20180429_warmzone Map.jpg



ICS 204 - Assignment List			Updated 04/30/2018 15:02 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 15 of 30	© TRG

ICS 204 - Assignmen	nt List						Task	Force: Fire	Pump T	ask Forc
Incident Name: 2018 Superior Refinery Fire			Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00							
moraoni riamo. 2010 Gape	71101 1101111	0171110		Operations	Perso		. 2 [00/01/20	710 00.00	00/02/20	10 00.00
Position	Name			Affiliation	7 0700		Contact N	umber(s)	Work S	hift
Operations Section Chief	Schade,	Kollin		Husky Energ	ıv Inc.		317-292-65		Work o	
Emergency Response		Jerome		Husky Energ			218-428-51			
Group Supervisor	,,,,,,									
				Resources	Requ	ired				
Area Of Operation		Resour	ce Kind	1		Description		Qı	ıantity	Size
Fire Pump Task Force		Manpov	ver: Res	ponder		Manpower: Resp	ponder	4		
Fire Pump Task Force		Pumps				Fire Pumps		4		
Maintain angustianal madi	of fir			Assign			· Deen enee	Oracia Com		
Maintain operational readi	ness of fir	e water p	oumps.	Report any is	ssues t	o the Emergency	/ Response	Group Sup	ervisor.	
7				Commu	nicatio	ns				
Name / Function				t Details						
ERT Channel			8							
Channel 1 Talk Around			11							
Primary			1							
Secondary			2							
Radio			3 to 7	F'	1 1 0					
Dalaman of Parall Callet (I			-			onsiderations	Patal famor		- 1	
Release of diesel fuel at th	ie diesel f		<u> </u>			•	· · ·	oper dispos	al.	
Refinery require FR clothir	na Hard F			-		Considerations				
, ,	•									
If in Diesel Pump building					ction m	ust be worn.				
f working along the pond p	perimeter,	a life jac	cket mus	st be worn.						
OC 004 Assissment Lie	.4									
ICS 204 - Assignment Lis				9 UTC -6:00		Page 16 of 30	L	Jpdated 04/30	/2018 09:3	6 UTC -6:0 © TR

ICS 204 - Assignment List	Group: Air Monitoring Task Force
Incident Name: 2018 Superior Refinery Fire	Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Schade, Kollin	Husky Energy Inc.	317-292-6594		
Environmental Monitoring Group Supervisor	Beattie, Dave	Husky Energy Inc.	218-348-9051		
Air Monitoring Task Force Supervisor	Darby, Mark	Husky Energy Inc.	218-525-5848		

_		_	
Resou	rcac	DAM	uurad
NESUU	LCO	NEU	uneu

rea Of Operation Resource Kind		Description	Quantity	Size
Air Monitoring Task Force	Equipment: Air Monitoring	AreaRaes	14	
Air Monitoring Task Force	Equipment: Air Monitoring	MultiRaes	10	
Air Monitoring Task Force	Equipment: Air Monitoring	UltraRaes	6	
Air Monitoring Task Force	Equipment: Air Monitoring	Dust Track	5	
Air Monitoring Task Force	Manpower: Operator	Air Monitoring Supervisors	2	
Air Monitoring Task Force	Manpower: Responder	Industrial Hygienist	20	

Assignments

- 1. Continue to maintain a fixed perimeter air monitoring system that has been deployed to the area currently delineated as the hot zone. This monitoring will be conducted in accordance with the Site action levels described in the Air Monitoring Plan
- 2. Continue to maintain a fixed perimeter air monitoring system that has deployed to the perimeter of the refinery process area at or near the fenceline. This monitoring will be used to provide information regarding air quality in close proximity to potential sources of emissions of COI during the cleanup and recovery phases of the project.
- 3. Mobile community monitoring teams will continue to conduct monitoring in the area outside the facility, with a focus on downwind monitoring, while the cleanup and recovery phases of the project are ongoing.

Communications			
Name / Function	Contact Details		
ERT Channel	8		
Channel 1 Talk Around	11		
Primary	1		
Secondary	2		
Radio	3 to 7		

Special Site-Specific Safety Considerations

If in Hot Zone, must follow Hot Zone Procedures including Bunker Gear, ERT escort, 4-Gas Monitor and sign in at ERT Response Center.

All other areas in the refinery require FR clothing, Hard Hat, Safety Glasses and safety boots.

If working along the permiter fence or other Husky property outside of refinery, contact security guards at 715-398-8220 to make them aware of your presence. Otherwise, the police will be called.

When in the refinery, be congnizant of hazards associated with a fire zone.

When working along the refinery perimeter, be cognizant of slip, trip and fall hazards.

Emergency Alarm system will signal need to evacuate from the site.

ICS 204 - Assignment List		Updated 04/30/2018 09:43 UTC -6:0		
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 17 of 30	© TRG	

ICS 204 - Assignment List

Group: Air Monitoring Task Force

Incident Name: 2018 Superior Refinery Fire

Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

20180430_AirMonitoring Stations.jpg



ICS 204 - Assignment List			Updated 04/30/2018 09:43 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 18 of 30	© TRG

ICS 204 - Assignment List	Group: IH Monitoring Task Force

Incident Name: 2018 Superior Refinery Fire Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Schade, Kollin	Husky Energy Inc.	317-292-6594	
Environmental Monitoring Group Supervisor	Beattie, Dave	Husky Energy Inc.	218-348-9051	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
IH Monitoring Task Force	Manpower: Responder	Industrial Hygienist	2	
IH Monitoring Task Force	Pumps	Sampling Pumps	5	

Assignments

Continue asbestos monitoring on-site as directed by Safety Officer.

Identify locations of presumed asbestos containing debris within the refinery.

Clean/remove asbestos containing material from the area outside of the fence

Conduct the following only if permission granted by Bill Demchuk:

Start cleaning/remove asbestos containing debris from within the refinery (Outside of the hot zone)

Personal monitoring for air contaminants. (VOC, Asbestos)

	Communications
Name / Function	Contact Details
ERT Channel	8
Channel 1 Talk Around	11
Primary	1
Secondary	2
Radio	3 to 7

Special Site-Specific Safety Considerations

If in Hot Zone, must follow Hot Zone Procedures including Bunker Gear, ERT escort, 4-Gas Monitor and sign in at ERT Response Center.

All other areas in the refinery require FR clothing, Hard Hat, Safety Glasses and safety boots.

If working along the permiter fence or other Husky property outside of refinery, contact security guards at 715-398-8220 to make them aware of your presence. Otherwise, the police will be called.

When in the refinery, be congnizant of hazards associated with a fire zone.

When working along the refinery perimeter, be cognizant of slip, trip and fall hazards.

ICS 204 - Assignment List			Updated 04/30/2018 16:18 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 19 of 30	© TRG

Incident Name: 2018 Super	rior Refin	ery Fire		Period: Pe	riod 2 [05/01/2018	3 06:00 -	05/02/20	18.06
•	nor recin	iory i no	Operations Pe		1100 2 [00/01/2010	00.00	00/02/20	10 00.
Position	Name		Affiliation		Contact Nun	nber(s)	Work S	hift
Operations Section Chief	Schade	, Kollin	Husky Energy Ir	ıC.	317-292-6594			
Environmental Monitoring Group Supervisor	Beattie,	Dave	Husky Energy Ir		218-348-905	İ		
Boom Maintenance Task Force Leader	Turner, Matt Husky Energy		Husky Energy Ir	ic.	715-969-4873	3		
			Resources Re	quired				
Area Of Operation		Resource K	<i>(ind</i>	Description		Qı	uantity	Size
Boom Maintenance Task F	orce	Manpower: I	Responder	Manpower: F	Responder	4		
Boom Maintenance Task F	orce	Boom		Boom		40	0	
Boom Maintenance Task F	orce	Sorbent: Boo	om	Sorbent: Boo	om	40	0	
				Vehicle			4	
Boom Maintenance Task F	orce	Vehicle		Vehicle		4		
1. A team of two personnel morning crew will replace a 2.Any containment boom thwill be put into 55 gallon stees. Full drums will be brough	will trave all absorb nat is con eel drums	el to the curre ent boom tha npromised sh s that are labe	t appears to have pould be replaced or eled with a non-haze building. Pictures	nts Newton Creek to etroleum contain adjusted to assign ardous waste labor each boom site.	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon steps. Full drums will be brough upkeep for documentation.	will trave all absorb nat is con eel drums	el to the curre ent boom tha npromised sh s that are labe	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional control of the second secon	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second second and the second areas are second as the second areas are se	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2.Any containment boom the will be put into 55 gallon steps. Full drums will be brough upkeep for documentation.	will trave all absorb nat is con eel drums	el to the curre ent boom tha npromised shi s that are labe 0 day storage o acting shift	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical com	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second second and the second areas are second as the second areas are se	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon step 3. Full drums will be brough upkeep for documentation.	will trave all absorb nat is con eel drums	el to the curre ent boom tha npromised shi s that are labe 0 day storage o acting shift	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional control of the second secon	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon steps. Full drums will be brough upkeep for documentation. Name / Function Primary	will trave all absorb nat is con eel drums	el to the curre ent boom that are labeled to the curre ent boom that an elabeled to acting shift to the curre entre entr	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical com	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon step 3. Full drums will be brough upkeep for documentation. Name / Function Primary Secondary	will trave all absorb nat is con eel drums	el to the curre ent boom that are labeled acting shift in the curre in	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical stact Details	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon step 3. Full drums will be brough upkeep for documentation. Name / Function Primary Secondary Radio	will trave all absorb nat is con eel drums	el to the curre ent boom that are labeled to the curre ent boom that an elabeled that are labeled to acting shift to the current entry	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical stact Details	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon step 3. Full drums will be brough upkeep for documentation. Name / Function Primary Secondary Radio ERT Channel	will trave all absorb nat is con eel drums	el to the curre ent boom that are labeled to the curre ent boom that an elabeled that are labeled to acting shift to the current elabeled to acting shift to the current elabeled to act and elabeled to act and elabeled to the current elabeled to t	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical stact Details	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon steps. 3. Full drums will be brough upkeep for documentation. Name / Function Primary Secondary Radio ERT Channel Channel 1 Talk Around	will trave all absorb nat is con eel drums	el to the curre ent boom that are labeled to the curre ent boom that an elabeled that are labeled to acting shift to the current entire to the current ent	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical stact Details	nts Newton Creek to etroleum contant adjusted to assign ardous waste labor each boom sit ditional work he in the second	nination. ure functionality. <i>A</i> pel filled in with "O te should be taken	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".
1. A team of two personnel morning crew will replace a 2. Any containment boom the will be put into 55 gallon step 3. Full drums will be brough upkeep for documentation. Name / Function Primary Secondary Radio ERT Channel	will trave all absorb nat is con eel drums t to the 9 Report to	el to the curre ent boom that are labeled to the curre ent boom that an elabeled that are labeled to acting shift to the ent book at the ent b	nt boom sites along t appears to have pould be replaced or eled with a non-haze building. Pictures of foreman for any additional communical stact Details	nts Newton Creek to etroleum contant adjusted to assign ardous waste labout each boom situitional work here. Itions	nination. ure functionality. A pel filled in with "O te should be taken may have for then	ition of th any spen illy Absor	t sorbent rbent Boo	boom oms".

ICS 204 - Assignment List		Prepared By Planning, I	Jpdated 04/30/2018 16:27 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 20 of 30	© TRG

ICS 204 - Assignment List	Group: Security Group
Incident Name: 2018 Superior Refinery Fire	Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Schade, Kollin	Husky Energy Inc.	317-292-6594	
Security Group Supervisor	O'Brien, John	Husky Energy Inc.	218-390-4367	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Security Group	Manpower: Responder	Securitas Security Officer	18	
Security Group	Vehicle	Security Vehicle	2	

Assignments

Securitas to maintain 24hr security checkpoints at road blocks, command post and control sites. Roving security to patrol between sites and to additional locations as requested.

Security to reference list of (Non-Husky) individuals approved for access.

Sites:

- Road block at Stinson/Hill
- Road block at Stinson/Bardon
- Hill/Stinson Guard Shack

Communications				
Name / Function	Contact Details			
ERT Channel	8			
Channel 1 Talk Around	11			
Primary	1			
Secondary	2			
Radio	3 to 7			

Special Environmental Considerations

Immediate notification of a breach in the security of the site should be reported through the ICS system to mitigate the potential for a release of hydrocarbon to the environment.

Special Site-Specific Safety Considerations

Any work on roadways requires a high visibility vest.

Be cognizant of vehicle traffice.

ICS 204 - Assignment List			Updated 04/30/2018 10:00 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 21 of 30	© TRG

Incident Name: 2018 Superior Refinery Fire Period: Period: 2 [05/01/2018 06:00 - 05/02/20	Position Name Affiliation Contact Number(s) Work Shift	ICS 204 - Assignmen	t List					Gro	up: Dec	on Gro
Position Name Affiliation Contact Number(s) Work Shift Operations Section Chief Schade, Kollin Husky Energy Inc. 317-292-6594 Decon Group Supervisor Murphey, Tim Husky Energy Inc. 317-292-6594 Person Group Supervisor Resource Required Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Position Name Affiliation Contact Number(s) Work Shift Operations Section Chief Schade, Kollin Husky Energy Inc. 317-292-6594 Decon Group Supervisor Murphey, Tim Husky Energy Inc. 317-292-6594 Pesources Required Pesource Required Peson Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Perimary Contact Details Resource Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Power Fix Coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 Work Shift Husky Energy Inc. 317-292-6594 Husky Energy Inc. 317-292-6594 Husky Energy Inc. 317-292-6594 Husky Energy Inc. 317-292-6594 Husky Energy Inc. 317-292-6594 Pesource Required	Incident Name: 2018 Supe	rior Refin	ery Fire		Period:	Period 2 [05/01/20	18 06:00 - 0	5/02/20	18 06:0
Operations Section Chief Schade, Kollin Husky Energy Inc. 317-292-6594 Decon Group Supervisor Murphey, Tim Husky Energy Inc. Resource Required Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #2 3. Water rinse station #3	Operations Section Chief Schade, Kollin Husky Energy Inc. 317-292-6594 Decon Group Supervisor Murphey, Tim Husky Energy Inc. Resource Required Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #2 3. Water rinse station #3				Operation	s Personnel				
Decon Group Supervisor Murphey, Tim Husky Energy Inc. Resource Required	Decon Group Supervisor Murphey, Tim Husky Energy Inc. Resource Required	Position	Name		Affiliation		Contact Nu	umber(s)	Work S	hift
Resources Required Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #2 3. Water rinse station #3	Resources Required Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #2 3. Water rinse station #3	Operations Section Chief	Schade,	Kollin	Husky Ener	gy Inc.	317-292-65	94		
Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Area Of Operation Resource Kind Description Quantity Size Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon Group Supervisor	Murphey	, Tim	Husky Ener	gy Inc.				
Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 **Assignments** Conduct personnel decon as per standard procedure outlined in Refinery ERP. **Communications** **Rame / Function Contact Details** ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 **Special Site-Specific Safety Considerations** Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon Group Manpower: Responder Decon Personnel 4 Decon Group Equipment: Decon Decon Station 1 **Assignments** Conduct personnel decon as per standard procedure outlined in Refinery ERP. **Communications** **Rame / Function Contact Details** ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 **Special Site-Specific Safety Considerations** Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3				Resource	es Required				
Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon Group Equipment: Decon Decon Station 1 Assignments Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Area Of Operation		Resource	Kind	Descript	ion	Qua	antity	Size
Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon Group		Manpowe	r: Responder	Decon Pe	ersonnel	4		
Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Conduct personnel decon as per standard procedure outlined in Refinery ERP. Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon Group		Equipmer	t: Decon	Decon St	ation	1		
Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Communications Name / Function Contact Details ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3				Assig	nments				
Rame / Function ERT Channel Channel 1 Talk Around Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Rame / Function ERT Channel Channel 1 Talk Around Primary 1 Secondary 2 Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Conduct personnel decon	as per sta	andard prod	cedure outlined in	Refinery ERP.				
ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	ERT Channel 8 Channel 1 Talk Around 11 Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3				Commu	ınications				
Channel 1 Talk Around Primary Secondary 2 Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Channel 1 Talk Around Primary Secondary 2 Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Name / Function		С	ontact Details					
Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Primary 1 Secondary 2 Radio 3 to 7 Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	ERT Channel		8						
Secondary Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Secondary Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Channel 1 Talk Around		1.	I					
Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Radio Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Primary		1						
Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Special Site-Specific Safety Considerations Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Secondary		2						
Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon personnel must wear chemical gear over FR coveralls. Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Radio		3	to 7					
Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Four station boot Decon: 1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3			Spec	ial Site-Specific	Safety Consider	rations			
1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	1. Simple Green Wash Station #1 2. Water rinse station #2 3. Water rinse station #3	Decon personnel must we	ar chemic	al gear ove	er FR coveralls.					
		 Simple Green Wash Sta Water rinse station #2 Water rinse station #3 								

ICS 204 - Assignment List			Updated 04/30/2018 12:02 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 22 of 30	© TRG

ICS 205 -	Radio	Communication	ıs			Version Name: Period 2						
Incident Nai	me: 2018	Superior Refinery F	ire			Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]						
				Radio	Channel Info	rmation	ı					
Ch # Fu	unction	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks			
1 Pi	rimary	Primary Radio Channel - Repeated										
2 Sec	condary	Secondary Radio Channel - Repeated							Secondary Repeated Channel Unit and Use s			
3 to 7	Radio	Radio to Radio Channels							Working Channel			
	ERT hannel	Emergency Response Channel							Emergency Response Team Channel			
-	annel 1 Talk Around	Channel 1 Talk Around							Use this channel in case of failure of repeated Channel 1			
-	annel 2 Talk Around	Channel 2 Talk Around							Use this channel in case of failure of repeated Channel 2			
	•			Specia	al Radio Insti	ructions	•					
CS 205 - R	Radio Coi	mmunications					Prep	ared By Logist	tics, Updated 04/30/2018 14:03 UTC -6:00 PF			
INCIDENT ACT	TION PLAN	SOFTWARE™	Printed 04/30/2	018 17:29 UTC -6:00		Page 23 c	of 30		© TRG			

ICS 205a - Communic				Version Name: Period Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00						
Incident Name: 2018 S	uperior Refinery Fire									
		Local C	ommunications	Information						
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes					
Miller, Jerry	Incident Commander	Non-Responsive	03-226-2466							
Syphard, Dan	Legal Officer									
Obery, John	Liaison Officer			john.obery@huskyenergy.com						
O'Brien, John	Safety Officer									
Лurphy, Tim	Security Officer			tim.murphy@huskyenergy.com						
Bachhuber, Julie	Public Information Officer									
Morrison, Dave (EPA)	Agency Representative									
Schade, Kollin	Operations Section Chief									
Rikkola, Ken	Deputy Operations Section Chief	-		ken.rikkola@huskyenergy.com						
Γhom, Tim	Stabilization Branch Director	-		timothy.thom@huskyenergy.com						
Beattie, Dave	Environmental Monitoring Group Supervisor	-		dave.beattie@huskyenergy.com						
Quimby, Jerome	Emergency Response Group	-		jerome.quimby@husklyenergy.com						
Murphey, Tim	Decon Group Superviso									
Murphy, Tim	Security Group Supervisor	_		tim.murphy@huskyenergy.com						
Tokarz, Christina	Planning Section Chief			Christina.Tokarz@huskyenergy.com						
Peterson, John	Documentation Unit Leader	_		john.petersoniii@huskyenergy.com						
Darby, Mark	Environmental Unit Leader	-		mark.darby@huskyenergy.com						
Roden, Mary Kay	Documentation Unit Leader	-		mary.roden@huskyenergy.com						
Buckley, Joe	Resource Unit Leader	_	81-880-5000	jbuckley@responsegroupinc.com						
Mackey, Mary	Situation Unit Leader	-		mary.mackey@huskeyenergy.com						
Wescott, Josh	ICS Technical Specialist	-	81-880-5000	jwescott@responsegroupinc.com						
Shook, Anthony	GIS Specialist	-	81-880-5000	AShook@responsegroupinc.com						
Kowitz, Kim	Finance Section Chief	-	18-349-7206							
Johnson, Joe	Logistics Section Chief	_								

Page 24 of 30

Printed 04/30/2018 18:14 UTC -6:00

ICS 205a - Communications List

INCIDENT ACTION PLAN SOFTWARE™

Prepared By Logistics, Updated 04/30/2018 18:14 UTC -6:00 PP

© TRG

ICS 206 - Medical Plan						Versio	n Na	ame: F	Period 2			
Incident Name: 2018 Sup	perior Refine	ry Fire		Р	eriod: Pe	rioc	d 2 [05/01	/201	8 06:00 - 0)5/02	2/2018	3 06:00]
			Medical	Aid Stations	S							
Name		Location	Location				Paramedic On Site			Phone		
Superior Refinery Medica Station	al Aid	-92.07	578 46.68889				x					
	Tra	anspor	tation (Ground a	nd/or Air Am	nbulance	Se	rvices)					
Ambulance Service		Location	on		Phone				Radio	,	Air	ALS
Global Air Ambulance		Superi	Tower Ave. or, WI 54888 202 46.68952		Ph1: (30)5) :	514-0942	2			X	
Gold Cross Ambulance S	Service	Duluth	V. Michigan St. , MN 475 46.74444		Ph1: (21	18) (628-9323	3				
		•	Н	ospitals	•				•			
					Air Trave	el	Groun		Trauma			Burn
Hospital	Location		Phone	Radio	Time		Travel T		Center II	_	lipad	Center
Essentia Health St. Mary's Hospital	3500 Towe Superior, N -92.10236 46.69748		Ph1: (715) 817 -7000		min	min		15 min		X		
Essentia Health Duluth (Miller Dwan) Thermal or Chemical Burns	502 E 2nd Duluth, MN -92.09367 46.79244		Ph1: (218) 727- 8762		min		30 min		[x
St Luke's Duluth	915 East First Street Duluth, MN -92.08762 46.79718		Ph1: (218) 249- 5555		min		30 min		II I			
					min	n min						
ICS 206 - Medical Plan	MADEIM D.:	nted 04/20	/2018 17:20 LITC 6:00				y Medical,	Update	ed 04/30/201	8 14:	03 UTC	
INCIDENT ACTION PLAN SOFT	WAKE Pri	meu 04/30	/2018 17:29 UTC -6:00		Page 25 of	30		<u></u>				© TRG

ICS 206 - Medical Plan	Version Name: Period 2
Incident Name: 2018 Superior Refinery Fire	Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]

Special Medical Emergency Procedures

All injured employees who require more than in-house first aid, (i.e. lacerations requiring stitches, severe eye problems, severe strains/sprains or fractures) will be sent to the following medical facility:

Essentia St. Mary's Occupational Medicine Clinic 3500 Tower Ave Superior, WI (715) 817-7100

INJURIES INVOLVING EXPOSURE TO HYDROFLUORIC ACID

For minor exposures, the employee may be transported to Essentia St. Mary's Emergency Room in Superior, the Essentia Duluth Clinic Occupational Medicine Clinic or the Essentia St. Mary's Hospital Emergency Room in Duluth.

For all but minor exposures, the employee should be transported by ambulance to:

St. Mary's Hospital Emergency Room in Duluth:

407 East 3rd Street Duluth. MN

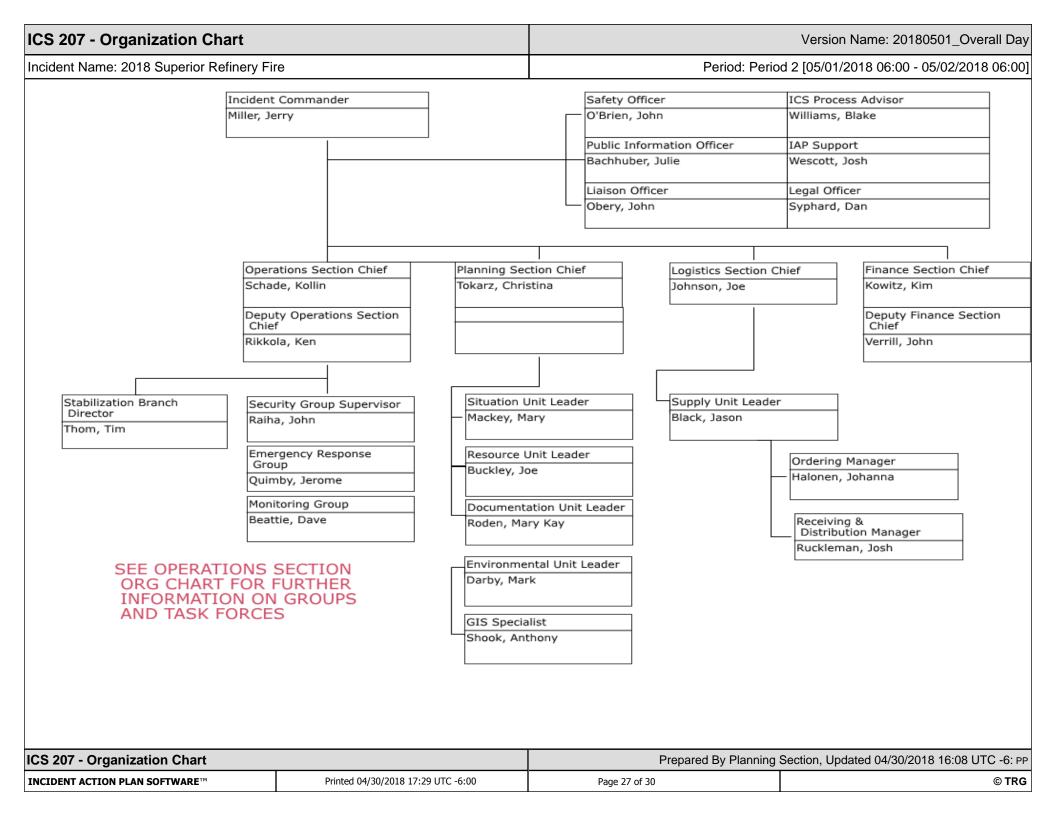
218-786-4000

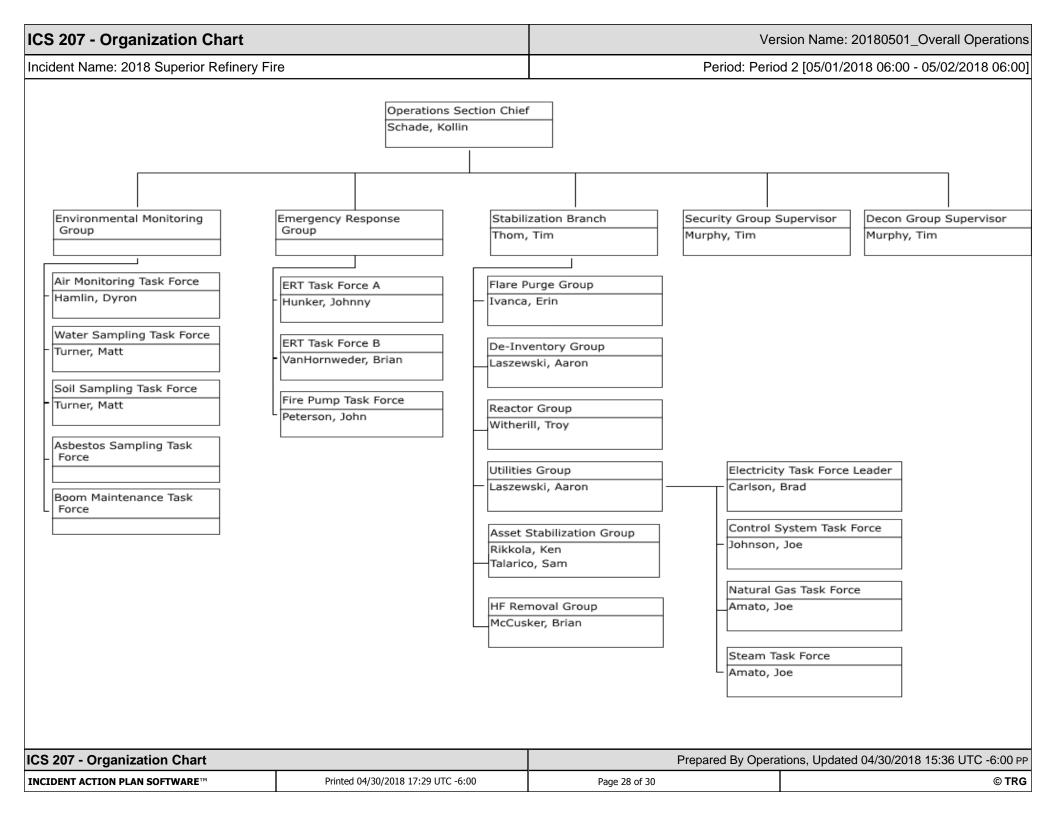
(218) 786-2815

INJURIES INVOLVING THERMAL OR CHEMICAL BURNS

For injuries involving all but minor thermal or chemical burns, employees should be transported by ambulance to: Essentia Miller-Dwan Burn Center 502 E. Second St., First Floor Duluth, MN

ICS 206 - Medical Plan		Prepared By Medical, Updated 04/30/2018 14:03 UTC -6:0				
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 26 of 30	© TRG			





ICS 208 - Site Safety Plan							Version Name: Period 2							
Incide	nt Nar	me: 2018 Superio	r Refinery F	ire			Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]							
Applie	s to S	ite: Superior Ref	inery											
Site Characterization														
Wate	•		Land	d				Weather		Sun	ny			
Wave Height Land Use								Air Temp)	74 F	ah	renheit		
Speed	d							Wind Spe	eed	13 n	npl	h		
Direc	tion							Direction	1	SW				
	Site Hazards													
Yes	No	Hazards		Yes	No	Hazards			Yes No I			Hazards		
	x	Boat Safety		X		Fire, Explo	osion, Ir	n-situ	X			Pump Hose		
x	П	Chemical Hazar	ds	x	П	Heat Stres	 SS		X	\perp		Slips, Trips, and Fa	alls	
H	x	Cold Stress				Helicopter		ions	X	$\top \overline{\sqcap}$	-	Steam and Hot Wa		
H		Confined Space	·S	x		Lifting				x	-	Trenching/Excavat		
x		Drum Handling		X		Motor Veh	icles		一	x	-	UV Radiation		
X		Equipment Ope	rations	X		Noise			一	X	-	Visibility		
x		Electrical Opera		X		Overhead	/Buried	Utilities	X		-	Weather		
x		Fatigue			x	Plants/Wil	dlife		x		_	Work Near Water		
		3.1				Air Monito		nits						
Oxyge	en Lev	rel	19.5 t	о Ве	nzene		<u>-</u>		РРМ	Hvdro	oflo	uric Acid	3 PPM	
-11,91			22.5											
LEL			5	% Total Hydrocarbons						Sulfur	D	ioxide	2 PPM	
Hydro	gen S	ulfide	10 PP	M Ca	rbon M	oxide		35 I	PPM					
						Engineerin	g Cont	rols						
	Sourc	ce of release secu	ured		Valve	(s) closed					Energy sources locked/tagged out			
	Site s	ecured		x	Facilit	y shut dow	n	1						
				Pers	onal F	Protective	Equipn	nent Requ	ired					
	Impe	rvious suit		x	Hard	hats		x	Boo	ts				
	Inner	gloves		x	Respi	rators			x	Bunker Gear				
x	Outer	gloves		X	Eye protection				x	ERT	S	CBA		
x	Flame	e resistant clothin	g	x	Perso	nal flotation								
				Add	itional	Control M	easure	s Establis	hed					
X	Deco	ntamination		X	Illumir	nation				Add	itio	ional stations established		
	Sanita	ation			Medical surveillance					Faci	iliti	es provided		
Work Plan														
x Booming					Excavation				☐ Hot wo			vork		
Skimming x F					-	y equipmen	ıt		X	App	rop	oriate permits used		
x Vac trucks x					_	ent pads								
X	Pump	ping		x	Patch	ing								
						Trail	ning							
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents							
						•								
ICS 2	08 - Si	ite Safety Plan					Prepa	ared By O'B	rien, J	ohn, U	Jpd	ated 04/30/2018 16:	32 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™ Printed 04/30/2018 17:29 UTC -6:00								Page 29	of 30				© TRG	

ICS 2	208 - Site Safe	ty Plan			Version Name: Period 2							
Incide	nt Name: 2018 Su	perior Refinery F	ire		Period: Period 2 [05/01/2018 06:00 - 05/02/2018 06:00]							
				Organ	izatio	n						
Positi	on	Name	Telephone/Radio	Posi	tion		Name	Telephone/Radio				
Deputy Incident Commander					Safe	ty Officer		John O'Brien				
Incide	ent Commander	Jerry Miller			Oper Chie	ations Section	on	Ken Rikkola				
				Emerge	ncy P	lan						
x	Fire Prevention P	lan	X	Evacuation Plan)							
X	Alarm System		X	First Aid Location	n							
				Notific	cation	s						
	Facility			Phone		Facility			Phone			
x	Hospital	Essential St. M Hospital	ary's	218-786-4000	X	Fire		Superior Fire Department	911			
x	Ambulance	Gold Cross		911	X	Law Enforcement		Superior Police Department	911			
	Air Ambulance	Air Ambulance			X	Emergency Response/Rescu		ERT	Radio			
				Initial	Briefii	<u> </u>						
x	Initial safety briefi	ng prepared for e	ach s	site		-						
				Attachments	s/App	endices						
Attac	hment			Filename								
Mater	ial Evaluations for	SSP.pdf		Material Evalua	Material Evaluations for SSP.pdf							
Aspha	alt SDS.pdf			Asphalt SDS.pd	Asphalt SDS.pdf							

ICS 208 - Site Safety Plan		Prepared By O'Brien, John, Updated 04/30/2018 16:32 UTC -6:00 PP					
INCIDENT ACTION PLAN SOFTWARE™	Printed 04/30/2018 17:29 UTC -6:00	Page 30 of 30	© TRG				